

Comment	Description	Designator	Footprint
Button 3x4x2.5		B1, B2, B3, B4, B5	Button 3x4x2.5
Pad Switch ON/OFF	Capacitor	C1	CAP_3216
100nF	Capacitor	C2, C5, C6, C7, C8, C17,	CAP_0805
10uF	Capacitor	C3	CAP_0805
LiPo Battery	Capacitor	C4	CAP_0805
22pF	Capacitor	C9, C18, C20	CAP_0805
1uF	Capacitor	C10, C13, C19, C25	CAP_0805
10nF	Capacitor	C11, C12, C26	CAP_0805
33pF	Capacitor	C14	CAP_0805
10pF	Capacitor	C15	CAP_0805
100uF	Polazied Tantalum Capa	C16	CAP_7343
4.7uF	Capacitor	C24	CAP_0805
Header 1.27mm		H1	Header 1.27mm
RT9013	RT9013-33GB IC REG LI	IC1, IC2	SOT23-5
USB-5		J1	USB-M1
LED 3mm	Cắm	L1	LED-3MM 2 MAU
47nH	Resistor	L2	RES-SMD-0805
LED	LED Single colour Green	LED1, LED2	LED-0805-Red
LED RED	LED Single colour Green	LED3, LED6	LED-0805-Red
LED YELLOW	LED Single colour Green	LED4	LED-0805-Red
LED GREEN	LED Single colour Green	LED5	LED-0805-Red
Speaker	Còi chip 3V	LS1	SPEAKER
Antenna	Antenna GSM GPS	P1, P2	IPXS
C1815	NPN 600mW, ECB	Q1, Q2, Q3, Q4, Q5	SOT23D
0.4R	Resistor	R1	RES-SMD-0805
100R	Resistor	R2	RES-SMD-0805
1k	Resistor	R3, R4, R6, R11, R15, R2	RES-SMD-0805
1.2k	Resistor	R5	RES-SMD-0805
51R	Resistor	R7, R8, R10	RES-SMD-0805
4.7k	Resistor	R9, R13, R17, R24, R29	RES-SMD-0805
47k	Resistor	R12, R14, R18, R25, R30	RES-SMD-0805
10k	Resistor	R16, R28, R32, R33, R34	RES-SMD-0805
5.6k	Resistor	R19	RES-SMD-0805
0R	Resistor	R22, R23, R27	RES-SMD-0805
10R	Resistor	R26	RES-SMD-0805
100k	Resistor	R31	RES-SMD-0805
22k	Resistor	R35	RES-SMD-0805
SIM SOCKET 6P		SIM1	SIM SOCKET 6P
DW01A	One Cell Lithium-ion/Po	U1	SOT23-6
TP4056	Complete single cell Li-I	U2	TP4056
FS8205A		U3	FS8205A
CH340C	USB to serial chip CH34	U4	SO016
SIM800C	Module: GSM/Bluetooth	U5	LCC110P1570X1760X25
L70-RL	L70-RL, a low cost ROM	U6	XCVR_L70-RL
STM32	STM32 ARM-based 32-bi	U7	LQFP 48
8Mhz	Crystal For all Crystal 2p	Y1	Thach Anh 2 chan SMD

LibRef	Quantity
Button 3x4x2.5	5
CapSMD	1
CapSMD	12
CapSMD	1
CapSMD	1
CapSMD	3
CapSMD	4
CapSMD	3
CapSMD	1
CapSMD	1
CAP_TAN_SMD	1
CapSMD	1
Header 1.27mm	1
RT9013	2
USB-5	1
LED 3m 2 mau Anot chu	1
Resistor - SMD	1
LED	2
LED	2
LED	1
LED	1
Speaker	1
IPXSx66	2
2SC1815	5
Resistor - SMD	1
Resistor - SMD	1
Resistor - SMD	11
Resistor - SMD	1
Resistor - SMD	3
Resistor - SMD	5
Resistor - SMD	5
Resistor - SMD	6
Resistor - SMD	1
Resistor - SMD	3
Resistor - SMD	1
Resistor - SMD	1
Resistor - SMD	1
SIM SOCKET 6P	1
DW01A	1
TP4056	1
FS8205A	1
CH340C	1
SIM800C	1
L70-RL	1
STM32F103C8T6	1
Thach Anh 2 chan SMD	1